

S/N Unknown

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: David R. Davis et al.

Examiner: Unknown

Serial No.: Unknown

Group Art Unit: Unknown

Filed: Herewith

Docket: 450.232US2

Title: CPU FAN ASSEMBLY

(Continuation of U.S. Application SN 09/299,305, filed April 26, 1999)

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Prior to examination, please amend the above-identified continuation application as follows.

In the Specification

On page 1, after the title, please add the following section:

--RELATED APPLICATION

This application is a continuation of U.S. Application Serial No. 09/299,305, filed April 26, 1999, which application is incorporated herein by reference.--

In the Claims

Please cancel claims 7-31 without prejudice or disclaimer.

Please substitute the claim set in the appendix entitled Clean Version of Pending Claims for the previously pending claim set. Specific amendments to individual claims are detailed in the following marked-up set of claims:

1. (Amended) A cooling assembly for at least one board, the at least one board suitable for accepting a plurality of components including a first component, the cooling assembly comprising:

a passage;

a fan suitable for passing air through the passage; and

an isolation assembly for generally enclosing heat generated from the first

component, wherein the first component is enclosed within the isolation assembly, the isolation assembly in communication with the passage, wherein the isolation assembly is removably attachable to a computer case without opening the computer case.

2. (Unchanged) The cooling assembly of claim 1, and further comprising an alternate passage in communication with the isolation assembly.

3. (Unchanged) The cooling assembly of claim 2, wherein the alternate passage includes a conduit in communication with the isolation assembly.

4. (Unchanged) The cooling assembly of claim 1, and further comprising a heat sink operably coupled to the first component.

5. (Unchanged) The cooling assembly of claim 1, wherein the plurality of components are enclosed within a case, and the air is drawn from outside the case.

6. (Unchanged) The cooling assembly of claim 1, wherein the plurality of components are enclosed within a case, and the air is drawn from within the case.

Remarks

The specification has been amended to add a reference to the parent application. Claim 1 is amend and original claims 7-31 are canceled; the remaining claims 1-6 are pending in this application. No new matter is added by these amendments. Applicant respectfully requests consideration and allowance of all claims in view of the amendments above.

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Page 3
Dkt: 450.232US2

The Examiner is invited to contact Applicants' attorney (612-371-2103) if there are any questions, or if prosecution of this application may be assisted thereby.

Respectfully submitted,

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By their Representatives,

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CLEAN VERSION OF PENDING CLAIMS

1. (Amended) A cooling assembly for at least one board, the at least one board suitable for accepting a plurality of components including a first component, the cooling assembly comprising:
 - a passage;
 - a fan suitable for passing air through the passage; and
 - an isolation assembly for generally enclosing heat generated from the first component, wherein the first component is enclosed within the isolation assembly, the isolation assembly in communication with the passage, wherein the isolation assembly is removably attachable to a computer case without opening the computer case.
2. (Unchanged) The cooling assembly of claim 1, and further comprising an alternate passage in communication with the isolation assembly.
3. (Unchanged) The cooling assembly of claim 2, wherein the alternate passage includes a conduit in communication with the isolation assembly.
4. (Unchanged) The cooling assembly of claim 1, and further comprising a heat sink operably coupled to the first component.
5. (Unchanged) The cooling assembly of claim 1, wherein the plurality of components are enclosed within a case, and the air is drawn from outside the case.
6. (Unchanged) The cooling assembly of claim 1, wherein the plurality of components are enclosed within a case, and the air is drawn from within the case.